

19980530.qrp v01_n107.qrs.980530

Date: Sat, 30 May 1998 19:03:15 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1107

QRP-L Digest 1107

Topics covered in this issue include:

- 1) [12003] Re: Herring Aid 5: Finished
by Roger Hightower <n7kt@earthlink.net>
- 2) [12004] Re: SOLAR: need recommendations, panels & control
by Paul Harden <pharden@aoc.nrao.edu>
- 3) [12005] Re: SOLAR: need recommendations, panels & control
by Roger Hightower <n7kt@earthlink.net>
- 4) [12006] Re: SOLAR: need recommendations, panels & control
by Roger Hightower <n7kt@earthlink.net>
- 5) [12007] #Geomagnetic storm in progress 5-29
by Paul Harden <pharden@aoc.nrao.edu>
- 6) [12008] Elmer 101 - sw30+ - audio gain
by David Shalita <af389@lafn.org>
- 7) [12009] Fw: SGC SG2020 Comments?
by "Vincent Ferme" <vferme@sprint.ca>
- 8) [12010] Rainbow
by Ed <edn4pk@voyageronline.net>
- 9) [12011] W0RSP
by jerrydeen@juno.com (Gerald A Huldeen)
- 10) [12012] BOOK SOURCE
by ARDUJENSKI@aol.com
- 11) [12013] VK5FOX
by "KA5T Larry Wise" <lewise@inetport.com>
- 12) [12014] Re: SOLAR: need recommendations, panels & control
by Steve Miller <kg7pv@teleport.com>
- 13) [12015] bi-square antenna model?
by Paul Helbert <phelbert@rica.net>
- 14) [12016] SSB/QRP/VK & ZL
by ARDUJENSKI@aol.com
- 15) [12017] [Fwd: Argo]
by Lisa Osier <osier@northnet.org>
- 16) [12018] Bill,NT1R
by Lisa Osier <osier@northnet.org>
- 17) [12019] Re: SOLAR: need recommendations, panels & control
by Ken Lopez <kjlopez@earthlink.net>
- 18) [12020] Re: AADE L/C IIB
by Dick G0BPS <G0BPS@kanga.demon.co.uk>
- 19) [12021] Re: Charger Kits

- by K4AHK@ix.netcom.com
- 20) [12022] Balloons / Kites Re: bi-square antenna model?
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 21) [12023] Lens Material
by KF4EIB@aol.com
- 22) [12024] QRPp
by ac5ez@webtv.net (Larry B)
- 23) [12025] Help needed with Norcal 40A and tick-1 keyer
by "D.K. Philbin" <dphilbin@thegrid.net>
- 24) [12026] re: SOLAR: need recommendations, panels & control
by "Buck, Preston D" <BuckPD@corning.com>
- 25) [12027] Re: Lens Material
by olyellr@iglou.com
- 26) [12028] Fw: SGC SG2020 Comments?
by "Vincent Ferme" <vferme@sprint.ca>
- 27) [12029] [Fwd: [CW] PARTS LIST]
by Jess Gypin <jessqrp@concentric.net>
- 28) [12030] Re: VK5FOX
by "KA5T Larry Wise" <lewise@inetport.com>
- 29) [12031] Re: Lens Material
by Jess Gypin <jessqrp@concentric.net>
- 30) [12032] Digital Clock/Counter Kit
by Wes Spence <ac5k@ih2000.net>
- 31) [12033] HELP - GQRP PAGE
by "Gary E. Meyers" <gmeyers@dialnet.net>
- 32) [12034] baggybob.....
by k8cv@juno.com
- 33) [12035] Dan's Centennial 40 Meter SSB Transceiver Kit
by Jim Dolson <jdolson@iserv.net>
- 34) [12036] 38S for sale??
by "Jay Heffner" <cjayheff@erols.com>
- 35) [12037] 6 Pack Info and availability
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 36) [12038] FS: Rigs & Books
by d.nordquest@juno.com
- 37) [12039] CU ON 10.368
by Chris Cartwright <ccart@dns.vidtel.com>
- 38) [12040] QRPp
by Dennis Sheehan <skipper.phx@worldnet.att.net>
- 39) [12041] Re: SOLAR: need recommendations, panels & control
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 40) [12042] Re: QRPp
by Thom <thom@li.net>
- 41) [12043] Fell thru the cracks at norcal
by marion@montana.com
- 42) [12044] Wanted: QRP++ & Companion comments
by "Kelly Ellison" <kelman@dialnet.net>
- 43) [12045] LDG QRP Automatic Antenna Tuner

by "Thomas Fink" <n8qxb@harborcom.net>
44) [12046] Re: Lens Material
by dannyayers@juno.com (Danny K Ayers)
45) [12047] 10mtr foxes and contest.
by olyellr@iglou.com
46) [12048] Weak Signal - Update
by macstein@cftnet.com (Mac Steinmeyer)
47) [12049] WARNING, WARNING,WARNING
by "john dorson" <jdorson@metrolink.net>
48) [12050] Re: Pacificon CW Test
by JkHampton@aol.com
49) [12051] RE: QRP QSO on 6 meters
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
50) [12052] RE: FS: Rigs & Books
by d.nordquest@juno.com
51) [12053] QRP ANTENNA KITES: SCOTT SLED DESIGN
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
52) [12054] Re: WARNING, WARNING,WARNING
by mwattcpa@earthlink.net (Marty Watt)
53) [12055] 466 Scope manual?
by wb8ygg@JUNO.COM
54) [12056] Re: WARNING, WARNING,WARNING
by KC5TJA <kc5tja@topaz.axisinternet.com>
55) [12057] Re: QRPp
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
56) [12058] qsy-ing to operating room :-)
by jdenison@morelr.com (JOEL DENISON)
57) [12059] Ten-Tec 835 (Argonaut)
by k6hcj@juno.com (Marv Fagenson)
58) [12060] B&W 3007
by "Benjamin F. Poinsett" <benmail@erols.com>
59) [12061] Re: QRPp
by w2bj@juno.com (Barry J Minsky)
60) [12062] Re: QRPp
by w2bj@JUNO.COM (Barry J Minsky)
61) [12063] Re: QRPp
by w2bj@juno.com (Barry J Minsky)
62) [12064] Dan's small parts...
by Mighty Mik <mitymik@hooked.net>
63) [12065] FT-51R Accessories for sale
by Karl and Terri Nielsen <nielsen@flash.net>
64) [12066] Re: Lens Material
by "John J. McDonough" <jjmcd@mdn.net>
65) [12067] Re: WARNING, WARNING,WARNING
by "M. Monninger" <markem@primenet.com>
66) [12068] Re: B&W 3007
by "Hugo W. Catta" <hugo@banet.net>

Date: Fri, 29 May 1998 16:10:37 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: dpayton@fwi.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12003] Re: Herring Aid 5: Finished
Message-ID: <356EDDFD.87FBCB4C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Seab,

I use a 64 Watt panel that I picked up from a local dealer for about \$360.00. Output is close to 4 amps. The controller is the Micro "P" from Mike Bryce, WB8GVN which cost about \$38.00.

Mike can give you some good advice, and I believe he has panels in stock, also. His e-mail is prosolar@sssnet.com

I also have a small 5 Watt, 300mA panel with a smaller controller that I use to keep the little gel-cells up while in the field. The bigger panel keeps the trailer battery charged while I'm operting from there.

Sri I don't have his phone number handy, but he answers e-mail promptly.

GL es 73...Roger

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
"The problem with doing nothing is not knowing when you're finished"
(Nelson DeMille)

Date: Fri, 29 May 1998 17:06:19 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Bob Bayha <rbayha@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12004] Re: SOLAR: need recommendations, panels & control
Message-ID: <Pine.SOL.3.91.980529170415.28265B-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 29 May 1998, Bob Bayha wrote:

> Please reply via the list.... I'd like to soak this information in,
> also... Thx.

I agree. There must be some of you out there with some first hand experience and expertise with solar power. Please share it with the group so we can all learn. QRP-L *is* a forum for this sort of discussion.

72, Paul NA5N

Date: Fri, 29 May 1998 16:15:00 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: SSLYON@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12005] Re: SOLAR: need recommendations, panels & control
Message-ID: <356EDF04.22B71025@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

sri...Mike's call is WB8VGE.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
"The problem with doing nothing is not knowing when you're finished"
(Nelson DeMille)

Date: Fri, 29 May 1998 16:18:07 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: SSLYON@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12006] Re: SOLAR: need recommendations, panels & control
Message-ID: <356EDFBF.B86ED5E9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Seab,

I use a 64 Watt panel that I picked up from a local dealer for about \$360.00. Output is close to 4 amps. The controller is the Micro "P" from Mike Bryce, WB8GVN which cost about \$38.00.

Mike can give you some good advice, and I believe he has panels in stock, also. His e-mail is prosolar@sssnet.com

I also have a small 5 Watt, 300mA panel with a smaller controller that I use to keep the little gel-cells up while in the field. The bigger panel keeps the trailer battery charged while I'm operting from there.

Sri I don't have his phone number handy, but he answers e-mail promptly.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

"The problem with doing nothing is not knowing when you're finished"
(Nelson DeMille)

Date: Fri, 29 May 1998 17:30:25 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [12007] #Geomagnetic storm in progress 5-29
Message-ID: <Pine.SOL.3.91.980529170623.28265C-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Summary: Solar activity HIGH
MAJOR Geomagnetic Storm in progress

Another M-class flare and some smaller C-class flares today. If this causes geomagnetic problems, it will be monday. A major geomagnetic storm began this afternoon (Eastern time) as a result of the long duration flare on wednesday. Expect conditions to be kinda cruddy thru tonite (friday), but quieting down saturday, unsettled (meaning no big deal) on sunday.

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 149 ISSUED AT 2200Z ON 29 MAY 1998

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z
TO 29/2100Z: SOLAR ACTIVITY WAS HIGH.
REGION 8226 (N18W94) PRODUCED A M6.7/SF AT 29/0059Z. THIS REGION ALSO
PRODUCED SEVERAL C-CLASS SUBFLARES DURING THE DAY.

BOTH REGIONS CONTAIN 2-SPOT "BX0-BETA" SPOT GROUPS. REGION 8227
CONTAINS A 5-SPOT "HAX" GROUP AND HAS SHOWN LITTLE ACTIVITY.

I can not find an adequate definition of BX0 or HAX groups in our references. I will get a good definition from Dr. Tim Bastian, our staff solar astronomer monday and post, since these terms are starting to show up frequently. But for now ... I think they have something to do with El Nino :-)

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW
ISOLATED C-FLARES ARE POSSIBLE FROM 8227.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z:
THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED UNTIL APPROXIMATELY
29/1600Z. AT THAT TIME A MAJOR STORM DEVELOPED. THIS WAS MOST LIKELY
CAUSED BY THE EFFECT OF A LONG DURATION C7 X-RAY AND CORRESPONDING
CME THAT OCCURRED ON 27/1335Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO QUIET TO ACTIVE.

IV. PENTICTON 10.7 CM FLUX
OBSERVED 29 MAY 095
PREDICTED 30 MAY-01 JUN 096/096/096
90 DAY MEAN 29 MAY 108

V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 28 MAY 008/007
ESTIMATED AFR/AP 29 MAY 015/015

The A-index is the global average of geomagnetic field measurements over a 24-hour period. Since this major geomagnetic storm hit this afternoon, todays A-Index (Estimated AP 29 MAY) just barely reflects this activity. The adjusted index available tomorrow will likely be much higher than 15. Likewise, until the hourly data is gathered and averaged, it is difficult to predict tomorrows A-index with so little data. The predicted values for sunday may be higher than shown in tomorrows report for this reason. Kinda like trying to predict total rainfall from a storm when the first sprinkles fall.

PREDICTED AFR/AP 30 MAY-01 JUN 018/018-015/015-010/010
 ^^^^^ ^^^^^ ^^^^^
 SAT SUN MON
 ---- Active --- so-so*

* Official observatory jargon

72, Paul NA5N

Date: Fri, 29 May 1998 16:37:27 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [12008] Elmer 101 - sw30+ - audio gain
Message-ID: <356F46B7.7F2E0520@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks,

I just made a gain check of the NE5532 Audio Amp. Measured overall gain from the output pins of U3, pins 4 and 5 to help diagnose my troubles.

Used my Heathkit AO-1 and scope.

Removed last NE602 Mixer U3.

Injected 100 mvpp 800 hz into U3 pin 4.
Measured audio amp output at junction of C27-R14.
Output was 1100 mvpp.
Gain is $1100\text{mv}/100\text{mv} = 11$

Injected 100 mvpp into U3 pin 5.
This caused 3800 mvpp output at C27-R14 junction.
Gain = $3800\text{mv}/100\text{mv} = 38$

These are singled gain checks.
They appear to be quite unbalanced.
Guess I'd better check every component near the NE5532 for stuffing error or bad part.

I wish someone with a KNOWN GOOD SW30+ or SW40+ kit would make a similar SINGLE ENDED gain check. Messages from our Elmers says these gains should be the same. Since my GAINS are NOT THE SAME, I have a lot of work to do to find the causes and a fix.

Audio Filter Rough Response Curve.

Injected 100 mvpp sinewave into U3 pin 5
caused 3800 mv at 800 hz.

Increased frequency above 800 hz until
output voltage peaked. It peaked at 952 hz.

Increased frequency above 925 hz
until output dropped to half of 925 hz
amplitude with same 100 mvpp input.
Dropped to half amplitude at 1190 hz.

Decreased input frequency below 800 hz,
same 100 mvpp input,
until output amplitude dropped to
1/2 amplitude at 925 hz. Did so at 625 hz.

Does this bandpass looked as expected?

Thank you all for the replies to my grounding
and microphonic and head fone questions.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Fri, 29 May 1998 20:47:44 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [12009] Fw: SGC SG2020 Comments?
Message-ID: <001601bd8b64\$8fbd9a00\$d61105d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From rec.radio.amateur.equipment.

-----Original Message-----

From: Bill Kearns <billk@inland.net>
Newsgroups: rec.radio.amateur.equipment
Date: Thursday, May 28, 1998 11:10 PM
Subject: Re: SGC SG2020 Comments?

>On Fri, 29 May 1998 15:59:26 -0500, "Kenneth M. Gianino"

><ken@hnvr.com> wrote:

>

>>The 2020 sure seems like an interesting radio. I've downloaded the
>>operations manual from SGC's web page and it has a small section devoted
>>to circuit description. An unusual approach to a receiver but
>>apparently quite workable! Has anyone seen the schematic and feel able
>>to describe the synthesizer? The manual states that frequency
>>increments smaller than 10KHz are handled by direct uP control of the
>>reference. It sounds like there is no feedback ("phase-lock") after the
>>10KHz synthesizer loop, hence all the attention to calibration problems.
>>It also appears from the manual that there is a simple oven (PTC
>>thermistor?) somewhere in the frequency control department. My initial
>>impression is that no engineer wants to put an oven in a rig destined to
>>run on batteries. Admittedly, I'm guessing- but I would love to know
>>more before I buy.

>>Ken - WB0QNA

>>ken@hnvr.com

>

>A friend of mine bought one. Mike Burton N6KZB. We ran it through
>extensive battery of tests on all bands. It failed miserably. It is
>now back at the factory. If it comes back OK and in proper working
>order he says he will keep it. If not he wants a refund.

>In my opinion, having played with it, I wouldnt buy one on a bet.

>A wise ham would wait for the "Mark II"

>Bill Kearns WB6JAR

>billk@inland.net

>909-678-6228

>

Date: Fri, 29 May 1998 21:15:34 -0400

From: Ed <edn4pk@voyageronline.net>

To: Qrp <qrp-1@Lehigh.EDU>

Subject: [12010] Rainbow

Message-ID: <356F5DB6.4FFAB6A8@voyageronline.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I need the URL for Rainbow kits. If this is indeed the source for an
Argo audio filter. Due to the many replies I will receive, thanks to all
in advance....

Ed N4PK

Qrp-1 #1307

Date: Fri, 29 May 1998 20:45:33 -0600
From: jerrydeen@juno.com (Gerald A Huldeen)
To: qrp-l@Lehigh.EDU
Subject: [12011] W0RSP
Message-ID: <19980529.204547.3398.2.Jerrydeen@juno.com>

Hi Gang-

Ade Weiss, W0RSP, did a super job today at his forum at the Hamboree 20/Midwest/Dakota Division convention held in the Marina Inn in South Sioux City, NE. He covered areas of qrp operating, antenna theory, propogation, etc. with insight and humor. A delightful experience. We had in excess of 40 hams in attendance. Ade will speak again tomorrow (Saturday, May 30) at 2:30 p.m. There will also be a qrp luncheon in the Waterfront Grille, located within the Marina Inn, and all are invited. It is a no host gathering, and reservations are not necessary to attend. Ade will be present here as well. In addition, he has a table with books, Milliwatter Journals, and other kinds of info. He will happily autograph all books sold. What a great guy!

Stop by if you can. Also a pretty good sized flea market, and new equipment dealers there, including Burghardt's and many other quality vendors of antennas, antenna components, etc.

tnx es 72,

Jerry WB0T
Sioux City, IA
QRP-L #1268, ARCI #5641, FISTS #3807, IA QRP #4
jerrydeen@juno.com

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 29 May 1998 21:50:18 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [12012] BOOK SOURCE
Message-ID: <40eccae9.356f65db@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

For those of you looking to do a book search on QRP, electronics, antennas, etc it is worth trying the web site WWW.AMAZON.COM. The books are comparable to other sources and will do searches for out of print books for a two week period such as with QRP CLASSICS. It is a good way to at least see what is in print on the subject.

Alan KB7MBI

Date: Sat, 30 May 1998 01:32:17
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@Lehigh.EDU>
Subject: [12013] VK5FOX
Message-ID: <199805300232.VAA20069@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Would anybody believe I just worked him in 15 ??? :-)

Larry KA5T

Georgetown, Texas
lewise@inetport.com

Date: Fri, 29 May 1998 20:39:40 -0700
From: Steve Miller <kg7pv@teleport.com>
To: qrp-l@Lehigh.EDU
Subject: [12014] Re: SOLAR: need recommendations, panels & control
Message-ID: <3.0.5.32.19980529203940.007aa6d0@mail.teleport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 17:06 5/29/98 -0600, Paul Harden wrote:
>I agree. There must be some of you out there with some first hand

>experience and expertise with solar power. Please share it with the
>group so we can all learn. QRP-L *is* a forum for this sort of
>discussion.

Hi Solar Fans,

I bought a MBC262 panel from Solar Electric in San Diego. It is a .7 amp flexible panel that keeps my trailer battery up and will charge a small gell cell in just a few hours. Mounted it (has grommet holes in the corners) on a white acrylic sheet (1/4") that will stand like an easel and a longish cord to the battery so I can manually track the sun around the camp site. Panel came with a very nice lead and blocking diode and fuse already on it.

They have a website: www.solarelectricinc.com and the phone is 800-842-5678. Very nice folks. Current price on a recent flyer was \$129.

I use the Micro M controller (\$25) from Mike Bryce WB8VGE which will handle up to 2 amps of current. Just added leads and fuses and put it into a small plastic Radio Shack box that I mounted to the plastic sheet holding the panel. The Micro M has an LED to show whats going on. I should also mention that Mike has a full line of panels and bigger controllers too. His email is: prosolar@sssnet.com and the phone is 330-832-3114. He sells a similar flexible panel to mine - the MSX-10 for about the same price.

The whole set up works very well and for just ham operation would be painless - operate off one battery while charging another. I have not tried operation from a battery while the panel is on though the .7 amps at 21 or 22 volts should not be a problem if the battery is in line. It is just easier to have two gell cells.

So my system cost about \$200 for the panel, controller and two 4 aH gell cells. Not a bad way to have a full battery for a whole week of camping and the kids can't even run the trailer battery down too far :-)

73

Steve Miller kg7pv @ teleport.com Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

Date: Fri, 29 May 1998 23:54:28 -0400
From: Paul Helbert <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12015] bi-square antenna model?
Message-ID: <356F82F3.C90DCBC0@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sort of QRP related:

For Field Day I am planning a balloon supported antenna on 75 meters. Until the new QST arrived I had been thinking of a 5/8 wave vertical but that requires radials. Could someone with an antenna modeling program run and e-mail me results for 75 meter bi-square with apex at 190 ft using #20 and again using #25 AWG copper, open wire feeder from the vertex to tuner at ground (about 25 ft). Soil would be very poor (mountain top, rocky). Topography: ridge more or less level to NNE and SSW and about 50 yards wide but beginning to drop away for a thousand feet or more within 50 yards in the other directions.

I presume efficiency would suffer with the smaller wire due to its higher resistance, but I only have about 3.5 pounds of net lift available.

TU DE WV3J

Date: Fri, 29 May 1998 23:51:24 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [12016] SSB/QRP/VK & ZL
Message-ID: <d84c2920.356f823d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

20M has been good around 0500utc near 14.250. For the past two weeks I have had several RAG CHEWS with the folks *down under* pulling in at least a 57 to 59. On a few occasions I would QROed to 100Watts to check the difference in signals. Stronger audio but still good copy at 5 watts. Rig was a OMNI D with the 40M double zepp up 60 ft)

For those who have not tried the ssb/qrp this may be a good way to get initiated.

Alan KB7MBI

Date: Fri, 29 May 1998 12:12:02 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-1@Lehigh.EDU
Cc: osier@northnet.org
Subject: [12017] [Fwd: Argo]
Message-ID: <356F0882.7D7D@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lisa Osier wrote:

>
> Hi Bill!!
>
> Tnx for getting back to me!! I have just sold the Kenwood
> and will ship it out on Monday. Last time we spoke the Argos were priced
> at \$200 which is very fair. Im a ham on a VERY LOW budget and the Argo
> seems to fit the bill nicely. I was wondering what condition it is in
> cosmetic and operational. If you would feel better talking on the phone I
> can landline you to talk. If its not any trouble could you hold on to it
> till we have a chat on it . The Argos are seemingly hard to find and
> would dearly love one in good working ond looking order!!
>
> Mni tnx agn Bill, 73/72s
>
> George Osier N2JNZ

Date: Fri, 29 May 1998 12:17:11 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-1@Lehigh.EDU
Cc: osier@northnet.org
Subject: [12018] Bill,NT1R
Message-ID: <356F09B7.471C@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill!!

Tried to send to your E-mail address but got "message failure
so dropped it onto the net.

Tnx, George Osier N2JNZ

Date: Fri, 29 May 1998 14:07:40 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: kg7pv@teleport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12019] Re: SOLAR: need recommendations, panels & control
Message-ID: <356FA651.554D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I too have been buying from Solar Electric for many years. I have
numerous panels, and charge controllers. Some I use here for power in
emergencies with larger deep cycle batteries. Others are for portable
only. I have always gotten good advice from them.

Cheers,
Ken, N6TZV

"They have a website: www.solarelectricinc.com and the phone is
800-842-5678. Very nice folks. Current price on a recent flyer was
\$129."

Date: Fri, 29 May 1998 17:18:18 +0100
From: Dick G0BPS <G0BPS@kanga.demon.co.uk>
To: adams@chuck.dallas.sgi.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12020] Re: AADE L/C IIB
Message-ID: <zutxFXAK\$tb1EwBa@kanga.demon.co.uk>
MIME-Version: 1.0

In message <199805290014.BAA06258@chuck.dallas.sgi.com>, Chuck Adams
<adams@chuck.dallas.sgi.com> writes
>

>Gang,

>

>Just a quick question. I own and use an Almost All Digital
>Electronics L/C Meter IIB. But I can't find the manual/schematic
>right now and I've looked in all my favorite hiding places.

I tried to buy one at dayton this year, couldn't find them anywhere.
Anyone else see them ??

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Sat, 30 May 1998 06:56:53 -0400
From: K4AHK@ix.netcom.com
To: johnb@elmhurst.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12021] Re: Charger Kits
Message-ID: <356FE5F1.26AA@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought an A & A battery charger kit at least 4 years ago. The kit went together well and has worked flawlessly ever since. My station is 100% battery powered. I use two photo cells for charging the small batteries I use with portable rigs and float the primary shack battery with the A & A charger. I have topped up 7Ah gell cells many times with the A & A. If yours works as well as mine has, you will be pleased with it.

Std Disclaimer, yadda, yadda, yadda, etc.

Bill H. - K4AHK

Date: Sat, 30 May 1998 12:20:06 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: phelbert@rica.net, qrp-1@Lehigh.EDU
Subject: [12022] Balloons / Kites Re: bi-square antenna model?
Message-ID: <19980530122006.KRHT5374@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

-just a thought... I've had MUCH more luck supporting wire from a kite, usually the SCOTT SLED design made from taped-together large garbage bags. Balloons have too much drag in a breeze to maintain height. In either case, fly the kite (balloon) as hi as possible and suspend the array from the line as hi as you need it. For instance, a 500' tether will put a kite at ~350'. If the antenna needs ~200' of vert., that leaves 150' to damp normal yawing effects.

With tether anchored at the appropriate spot, you'll be able to position the array & feed point right where you want it. The tether/anchor will require constant attention so don't try this alone.

How much lift you ask? a SCOTT SLED of ~ 6' x 8' will support up to 20 lbs easily -depending on the breeze, of course. A 20+ mph off shore breeze broke 40 lb test line. This means there is grave potential DANGER in a large kite - unless adequate safety precautions are taken.
Keep us posted on your project!

73 -s-

Seab Lyon, AA1MY, Beacon, NY, USA
ARRL; QCWA; ACRI# 9253; QRP-L#574;
NEQRP# 511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Sat, 30 May 1998 08:30:24 EDT
From: KF4EIB@aol.com
To: qrp-1@Lehigh.EDU
Subject: [12023] Lens Material
Message-ID: <372d7ad3.356ffbe1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Greetings one and all,

Is it possible to find a source for LCD type lens covers?
I have tried catalogs, Radio Shack, and yard sales (old clocks, etc.)
I need a cover for use on a QRP project, red, green or blue lens would work as long as a display can be seen through the lens. Size..? 2" x 4" or there 'bouts.
Any ideas?

Tnx in advance.

73 / 72
Gordon kf4eib
Fists 4336

Date: Sat, 30 May 1998 07:35:37 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [12024] QRPP
Message-ID: <199805301235.FAA25034@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Henry
I also got a welcome letter three or four weeks ago but no spring QRPP or number. From arcI I got a quarterly but no number. I guess it takes time to get a number.
Larry Ac5ez

Date: Sat, 30 May 1998 05:48:44 -0700
From: "D.K. Philbin" <dphilbin@thegrid.net>
To: qrp-1@Lehigh.EDU
Subject: [12025] Help needed with Norcal 40A and tick-1 keyer
Message-ID: <3.0.5.32.19980530054844.007d07e0@mail.thegrid.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have added the tick-1 keyer to my Norcal 40A and I am frustrated by the following problem:

I have mounted the tick-1 board inside the Norcal 40A on standoffs attached to the rear

panel. The keyer function works great and I am using the internal sidetone of the 40A to monitor the keyer and it works great.

The problem is in hearing the programming tones of the keyer. I am unable to use the piezoelectric supplied with the kit as I use the rig at my desk near the computer and it drives the teenagers nuts to have to listen to my keying (maybe this is not entirely a bad thing ;))

By varying the values of R3 and R4 I have managed to find an acceptable level of audio injection of the tones to "inject into the Norcal's audio chain"..herein lies the rub; when I inject the sidetone (from J6-1 on the tick) into the audio chain (pin 2 or 3 of the LM-386; across R4 (from the source to drain of Q2) my receive noise level increases significantly! I can still hear the stations but the background noise really increases...
HELP!

As a related matter I would disable the internal sidetone of the Norcal and rely on the Tick-1's sidetone entirely if I knew just how to disable the sidetone in the 40a.

As a last resort I could remove the tick from inside the rig and set the tick-1 up as an external keyer..but this is then one more thing to carry and I was desiring to get away from that.

Any help you may provide will be greatly appreciated.

72's

D.K. Philbin KD6TK

Date: Sat, 30 May 1998 09:24:02 -0400
From: "Buck, Preston D" <BuckPD@corning.com>
To: "'SSLYON@worldnet.att.net'" <SSLYON@worldnet.att.net>
Cc: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [12026] re: SOLAR: need recommendations, panels & control

Message-ID: <6B137F61081DD0118DF600805FEAC5C5012D57FA@SILVER.CORNING.COM>

Content-Return: allowed

Mime-Version: 1.0

Content-Type: text/plain

Howdy Seab,

I get the QRP-L in digest mode so if somebody has already responded to your satisfaction, just skip this message.

My favorite places for getting solar info are (in no particular order):

Real Goods (<http://www.realgoods.com/>) They are kind of pricey and you may not agree with their politics but you have got to give them credit for putting their money where their mouth is. Their "building" outside Hopland, CA is totally solar powered and made of straw-bales. Building is in quotes because they have about 10 acres of fascinating stuff, if you like gardens and ponds and stuff like that.

Kansas Wind Power, Dept CS98, 13569 214th Rd, Holton, KS 66436, 785-364-4407 (no web site that I can find) is also very good. His catalog is around \$4 but is well worth it as it is the size of a small magazine (5"x8" and 3/4" thick). He goes into a lot of detail about sizing your system in the catalog.

Home Power magazine (<http://www.homepower.com/hp/>) has a lot of good info available on their website.

These places should help you get started.

To figure out how big a system you need, start with how much power you are planning to use for the duration of FD. Don't forget to include lights and "invisible" loads like clocks or keyers. Current times voltage times time in use will give you a figure in WattHours (WHr). Hopefully you won't get to the KiloWHr like the electric company does!

Next, how many hours of sun can you get? You are in NY like me so I would figure about 10 hours (it is also an easy number to calculate with). Start flipping through the catalogs to find a solar panel that is in your price range. Dollars per watt is also something to compare from panel to panel. Look at the loaded output of the panel in watts and multiply that by the number of hours of sun you have to see how much power the panel will produce in the day. If you are a conservative, paranoid, belt AND suspenders type (like me) you might cut that figure by 25% just to be safe. Add panels till you get enough power.

I would just use a deep cycle marine battery and not worry about it. With a QRP radio that should work fine. In fact that is what I did for FYB0. If

you want I can tell you some of the thoughts on battery size behind the solar install I am currently working on.

Charge controllers can be kind of expensive. They are used to prevent the battery from overcharging. They have different features but you want to match up the power handling capability of the charge controller with the power produced by the solar panel. If your solar panel has a max voltage of 13.8 volts or so, you might want to forgoe the controller altogether. This would probably work for a short duration event like FD but for longer term preservation of your batteries, you definitely want one.

I won't talk about trackers here but they can add about 20% more power in any given day.

This has been a quick and dirty overview, but if you have more questions just e-mail me and I will try to help out.

73

Preston, n0glm, South Central NY State

My words, not my employer's

Date: Sat, 30 May 1998 09:44:26 -0400
From: olyellr@iglou.com
To: KF4EIB@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [12027] Re: Lens Material
Message-ID: <3.0.5.32.19980530094426.00801a60@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:30 AM 5/30/98 EDT, KF4EIB@aol.com wrote:

>Greetings one and all,

>

>Is it possible to find a source for LCD type lens covers?

>I have tried catalogs, Radio Shack, and yard sales (old clocks, etc.)

>I need a cover for use on a QRP project, red, green or blue lens would work as

>long as a display can be seen through the lens. Size..? 2" x 4" or there >'bouts.

>Any ideas?

>

>Tnx in advance.

>

>73 / 72

>Gordon kf4eib

>Fists 4336

>

Hi Gordon,

One thought that comes to mind is the clear plastic lenses used on welding hoods. They are readily available at any welding supply shop, and even Sears used to carry them. They come in two sizes....2 1/4" x 4 1/4", and a larger size, about 4" x 5". Best of all, they're CHEAP.

Good luck an' 73,

Mike L.,

de KE4HLU

FISTS #4139 QRP-L #1395

99% CW OP...for the pure JOY of it!

Is you is?, or is you ain't?

Date: Sat, 30 May 1998 09:52:56 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <grp-l@Lehigh.EDU>
Subject: [12028] Fw: SGC SG2020 Comments?
Message-ID: <000901bd8bd2\$408e42e0\$ed1105d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Thomas J. McCuen <tmccuen@csi.com>
Newsgroups: rec.radio.amateur.equipment
Date: Thursday, May 28, 1998 8:22 PM
Subject: Re: SGC SG2020 Comments?

>Ken,

>

>I've had my SG2020 for abt 10 days now...

>

>The rig goes 1-25+ watts and does SSB and CW. Nice small package....

>

>It's an excellent SSB rig for the price...I got great audio reports even

>with the stock mike also as good as my Heil 5.... rx is good, maybe an

>"s" unit lower than the Knwd 850 (which speaks highly of the 2020)

>I worked 30+ DX countries in the first few days testing it out with a

>Gap Titan running 5 watts... it's max is abt 27 watts as tested here.
>
>For CW it would keep the average user happy but not the heavy qrp cw
>one. I found the digital filters and the agc to cause some ringing and
>slight pumping during use with a strong nearby station... The straight
>key clacks the relay with every key hit (a noise pain to me) but the
>built in keyer made it a little better only releasing the relay after
>each letter...
>
>Noise blanker seems to make no diff, passband works ok but shifts freq
>too at times. All other function work well.
>
>Current draw is higher than spec'ed...5 watts cw drawing 3 amps and rx
>at abt 600ma.... On a 7ah battery , I ran it (ssb) for abt 4 hours
>without maxing out the battery,...anyway,so it's not a backpack unit but
>more of a mobil unit type for weight and current.
>
>I'd rate it an 8 of 10 for SSB and abt 5 of 10 for the CW op...in all ,
>I'll keep mine for now until the K2 or FT100 come out.
>
>Tom aa2vk
>PS manual is very good and the rig looks like you could drive yr car
>over it with out damage (solid alum extruded shell)

Date: Sat, 30 May 1998 08:06:37 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [12029] [Fwd: [CW] PARTS LIST]
Message-ID: <3570126D.C307D432@concentric.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----F65F8B45BBF86F5E11D0437A"

This is a multi-part message in MIME format.
-----F65F8B45BBF86F5E11D0437A
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Might be more help here.

--
Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/n0tfi/bug.html> Bug Stories

-----F65F8B45BBF86F5E11D0437A

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Return-Path: <owner-cw@ns3.qth.net>

Received: from ns3.qth.net (NS3.QTH.net [209.60.242.87])

by franklin.concentric.net (8.8.8/(98/04/23 5.16))

id CAA18955; Sat, 30 May 1998 02:08:26 -0400 (EDT)

[1-800-745-2747 The Concentric Network]

Errors-To: <owner-cw@ns3.qth.net>

Received: (from majordom@localhost)

by ns3.qth.net (8.8.7/8.8.7) id CAA09113

for cw-outgoing; Sat, 30 May 1998 02:00:20 -0400

X-Authentication-Warning: ns3.qth.net: majordom set sender to owner-cw@qth.net using -f

Received: from camel14.mindspring.com (camel14.mindspring.com [207.69.200.64])

by ns3.qth.net (8.8.7/8.8.7) with ESMTP id CAA09109

for <cw@qth.net>; Sat, 30 May 1998 02:00:18 -0400

Received: from default (user-38h1tmn.dialup.mindspring.com [209.16.246.215])

by camel14.mindspring.com (8.8.5/8.8.5) with SMTP id BAA22025

for <cw@qth.net>; Sat, 30 May 1998 01:49:46 -0400 (EDT)

Message-Id: <3.0.1.32.19980530005108.007b5a70@pop.mindspring.com>

X-Sender: wbcapps@pop.mindspring.com

X-Mailer: Windows Eudora Light Version 3.0.1 (32)

Date: Sat, 30 May 1998 00:51:08 -0700

To: cw@qth.net

From: Bill Capps <wbcapps@mindspring.com>

Subject: [CW] PARTS LIST

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Sender: owner-cw@qth.net

Precedence: bulk

- - - - - >>> the CW reflector <<< - - - - -

Hello all!

I found a schematic for a grp rig, that i would like to build homebrew. There is one part from the part list which, i dont understand what it is. It is "B @ W 3007" Is this the wire need to create a tuning coil, and what gauage would it be ie" 22awg , or 26 awg , or 30 awg ?" The other part is a "21 mHz fundamental 3rd overtone crystal". Where would be a good place to locate this crystal?

Thanks all es 73's de KF4SXG Bill Capps Auburn, Alabama fists # 4101

<

>

< * * * * * THE CW REFLECTOR * * * * * >

--Subscribe To: Majordomo@qth.net with Body: subscribe cw
--Unsubscribe To: Majordomo@qth.net with Body: unsubscribe cw
--To post, send to cw@qth.net please, CW issues only
--For digest version, Subscribe to cw-digest through majordomo@qth.net
--For archives of postings, see web page <http://www.qth.net/cw-digest.archive>
--To contact list owner, email to owner-cw@qth.net

-----F65F8B45BBF86F5E11D0437A--

Date: Sat, 30 May 1998 12:59:42
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [12030] Re: VK5FOX
Message-ID: <199805301406.JAA14860@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Sat, 30 May 1998 06:11:34 -0400 (EDT), Bruce Muscolino wrote:

>>
>>Would anybody believe I just worked him in 15 ??? :-)
>>
>15 what?
>

Ahem.....That'n ON 15 of course..... :-) but youall knew that..... :-)

Larry KA5T

Georgetown, Texas
lewise@inetport.com

Date: Sat, 30 May 1998 08:11:50 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: KF4EIB@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [12031] Re: Lens Material
Message-ID: <357013A6.A3FD4C35@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Check with you local bulk plastics dealer, the kind of place that you would go buy plexiglass. They usually have all kinds of thinner clear colored plastic in scraps that they will let you buy for pennies!

Jess

KF4EIB@aol.com wrote:

> Greetings one and all,
>
> Is it possible to find a source for LCD type lens covers?
> I have tried catalogs, Radio Shack, and yard sales (old clocks, etc.)
> I need a cover for use on a QRP project, red, green or blue lens would work as
> long as a display can be seen through the lens. Size..? 2" x 4" or there
> 'bouts.
> Any ideas?
>
> Tnx in advance.
>
> 73 / 72
> Gordon kf4eib
> Fists 4336

--

Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/n0tfi/bug.html> Bug Stories

Date: Sat, 30 May 1998 09:18:27 -0500
From: Wes Spence <ac5k@ih2000.net>
To: qrp-l@Lehigh.EDU
Subject: [12032] Digital Clock/Counter Kit
Message-ID: <35701533.14D4@ih2000.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

K1MG (Blue Sky Engineering) has a Freq Counter / Clock Kit that is listed on the NorCal QRP site. I just completed that kit and managed to (barely) fit it into my Ten-Tec Argosy One. For around 40 bucks, it is a great buy. It is not surface mount, but very small, so careful assembly is needed. Just wanted to drop a note and brag on someone producing a great kit at a great price. (PS to build my kit, I used an 18 Watt Ungar Princess soldering iron and magnifying goggles!)

Wes, AC5K

Date: Sat, 30 May 1998 09:21:05 -0500
From: "Gary E. Meyers" <gmeyers@dialnet.net>
To: qrp-l@Lehigh.EDU
Subject: [12033] HELP - GQRP PAGE
Message-ID: <199805301421.JAA32302@mail.dialnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang:

I'd like the URL for the G-QRP page where they have archives on mods for various rigs, i.e., Sierra, etc. I've tried the G-QRP Club web page, but I didn't see any such info on it.

I picked up on this from a message here on QRP-L requesting info for Sierra mods. That person was referred to the G-QRP page. Did I read something into it that's not there? Is there such a URL? Is G-QRP page a printed-on-paper publication? Does anyone know what I'm talking about?

Thanks for any help...

72-73,
Gary, KY0B

Date: Fri, 29 May 1998 20:13:14 GMT
From: k8cv@juno.com
To: qrp-l@Lehigh.EDU
Subject: [12034] baggybob.....
Message-ID: <19980530.152753.2022.1.k8cv@juno.com>

Folks.....

Does anyone have an e-mail address for baggybob, the parts guy in OHIO?

Walt K8CV k8cv@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 11:50:21 -0400
From: Jim Dolson <jdolson@iserv.net>
To: qrp-1@Lehigh.EDU
Subject: [12035] Dan's Centennial 40 Meter SSB Transceiver Kit
Message-ID: <35702ABD.5701@iserv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone built Dan's Centennial 40m SSB transceiver? I'm looking for
comments before I buy.

Thanks!

Jim
wb8zbd
jdolson@iserv.net

Date: Sat, 30 May 1998 09:48:05 -0400
From: "Jay Heffner" <cjayheff@erols.com>
To: <qrp-1@Lehigh.EDU>
Subject: [12036] 38S for sale??
Message-ID: <01bd8bd1\$9235ff80\$6e6daccf@scs-micron1.eng.usps.gov>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0028_01BD8BB0.0B245F80"

This is a multi-part message in MIME format.

-----=_NextPart_000_0028_01BD8BB0.0B245F80

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi all:

A good freind of mine really messed up his 38 special when he put in the =
5W mod and is looking for a new one. If anyone has a 38 S that they are =
willing to part with, PLZ email him at ki4ro@mnsinc.com His name is =
John, and I'm sure that he would be willing to pay a reasonable price =
for one. TNX in advance.

73/72,
Craig, KF4NYZ

-----=_NextPart_000_0028_01BD8BB0.0B245F80
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV>Hi all:</DIV>
<DIV> </DIV>
<DIV>A good freind of mine really messed =
up his 38=20
special when he put in the 5W mod and is looking for a new one. If =
anyone has a=20
38 S that they are willing to part with, PLZ email him at <A=20
href=3D"mailto:ki4ro@mnsinc.com">ki4ro@mnsinc.com His name is John, =
and I'm=20
sure that he would be willing to pay a reasonable price for one. TNX in=20
advance.</DIV>
<DIV> </DIV>
<DIV>73/72,</DIV>
<DIV>Craig, =
KF4NYZ</DIV></BODY></HTML>

-----=_NextPart_000_0028_01BD8BB0.0B245F80--

Date: Sat, 30 May 1998 12:53:55 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU
Subject: [12037] 6 Pack Info and availability
Message-ID: <199805301652.MAA20957@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I had a few requests for more info on the "6 Pack" I mentioned on the list the other day. I still have a few that are not spoken for, so if you want one - get me a check for \$40 or a visa/MC number ASAP...

The G3RJV 6 Pack is kit packet consisting of 6 kits in the packet:
1 plug and play transmitter
2. the Quick receiver
3. An Instant SWR meter
4. A diode probe
5 An LED Voltage Monitor
6. A crystal Checker

The 6 pack contains a PC board with 6 boards that snap off - a board for each of the projects listed above. A bag of parts with the "on board" parts for each project, and 15 pages of documentation.

All the projects are very simple, basic projects....

The 6 Pack was described by G3 RJV at the ARCI FIDM conference in Dayton a couple of weeks ago....

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sat, 30 May 1998 13:21:47 EDT
From: d.nordquest@juno.com
To: qrp-l@Lehigh.EDU
Subject: [12038] FS: Rigs & Books
Message-ID: <19980530.132436.7639.1.d.nordquest@juno.com>

Shack Inventory Reduction Sale!

Prices do not include shipping. Shipping charge would be actual cost.
Please forgive QRO rigs, which could be modified : <).

Rigs:

HW-16 -- Very nice cosmetics. Full output, measured on a Bird. Have just been listening to CW on 40 and sounds gud. With manual. \$88.

HW-8 -- Very nice cosmetics. With partial reproduction of manual. Has 239 connector mod and a small dial light. Otherwise stock. \$145.

HW17 -- 2-meter AM Heathkit. Nice cosmetics. Includes FM adapter and manual. Very few made. For Heath collector. \$92.

Johnson Challenger -- 80 meter to 6 meter transmitter -- \$110.

Homemade 6N2 transmitting converting. Uses two 829B's. If interested, please email me.

Books:

ARRL Antenna Book -- 17th edition. Shrink wrap never removed. With software.
\$19.

Solid State Design -- original edition. Clean, very good condition.
\$10.

Thanks for BW!

Dave KE9ED

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 13:33:01 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [12039] CU ON 10.368
Message-ID: <Pine.LNX.3.93.980530130301.658A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nope, not a typo, you just assumed the wrong units:) I picked up a DSS dish and LNBF at Dayton (should have got two) and they operate in the Ku-band, 12.5-12.7GHz. Is anyone out there playing with these? Anyone done a conversion to 10GHz?

I've played with it enough to watch some NBC video feeds, and pick up some scrambled "stuff". I don't have the "box" just the dish and feed horn tied to two gel cells and an old B&W TV. I need to understand the basic DSS system before I try to move this thing down 2GHz. Right now aiming and alinging the dish is by "best guess". Does someone out there have one (that they installed) that can explain how to calulate which way to point the thing for a particular satellite? I.E. I'm at 38N 77W and the sat is at 84W and geosynchronus (0N?). I know I point it a little bit SW (84-77) but at what angle? 7 degrees (bearing of 187) don't seem right. The offset feed is numbing my brain, with the paraboloid dish set vertically it's actually looking "up" about 25 degrees.

Better still, does someone have a copy of the DSS physical installation instructions? Tried telling the local retailer I moved and lost the instuctions, but they don't have any extras:(Naturally costs will be re-imbursed. And no, this is not off topic, but reply privately anyway. If I can get to 500mW I'll have a BIG signal for the contests in Aug/Sep. Near as I can tell the primary mode is CW, but my goal is to get on 10GHz for less than \$300. So far I'm at \$50 and counting...

I'll post updates to the list (as it progresses, with web pics if someone wants to host them) if there is some interest. For me, microwave is a similar hurdle to CW, it looked impossible at first and now it just looks incredibly difficult:)

For those that are just curious about what I'm doing, fire a few questions my way, I always understand things better when I have to actually explain how it works:)

tnx es 72

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV      ARRL-VE   QRP WAS 28/13(w/c)   | http://dns.vidtel.com/~ccart --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Sat, 30 May 1998 10:39:47 -0700
From: Dennis Sheehan <skipper.phx@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [12040] QRPp
Message-ID: <35704463.6F3DC1E1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Henry

I sent \$15 for the Magazine around Sep Oct or Nov of 1996. I never received the magazine. I sent several messages to Jim Cates asking him what happened to my subscription. I guess I sent about 6 or 7 messages. He finally replied that he was much too busy. That he would get back to me when he had some time and for me to stop bothering him. Well, as of now I still have not received any magazines. So at this point I've written Nor Cal off. So, to answer your question Yes, this is typical of NORCAL. Good luck.

Date: Sat, 30 May 1998 13:39:06 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <kg7pv@teleport.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [12041] Re: SOLAR: need recommendations, panels & control
Message-ID: <199805301752.NAA30825@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

> I use the Micro M controller (\$25) from Mike Bryce WB8VGE which will handle
> up to 2 amps of current. Just added leads and fuses and put it into a
> small plastic Radio Shack box that I mounted to the plastic sheet holding
> the panel. The Micro M has an LED to show what's going on. I should also
> mention that Mike has a full line of panels and bigger controllers too.
> His email is: prosolar@sssnnet.com and the phone is 330-832-3114. He sells
> a similar flexible panel to mine - the MSX-10 for about the same price.

Micro M works so well that I use it to charge small (up to 7 AH) Gel Cells in the shack.

The Micro M is so dumb, it doesn't know if you give it current from a regular power supply or from a solar panel. So, you just set the power supply for 16V or so and the stupid Micro M charges your Gel Cells using the 110V supply. Overcharge is prevented and the LED shows the condition of the charge.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

Date: Sat, 30 May 1998 13:53:22 -0400 (EDT)
From: Thom <thom@li.net>
To: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12042] Re: QRPp
Message-ID: <Pine.SUN.3.95.980530135124.2531B-100000@linet01>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ditti here, sent my check a few months back, it cleared the bank, still waiting for the spring issue. Does anyone know if the mailing for the spring issue has been completed? Perhaps I'm on the end of the list.

Tom
WB2QDG
thom@li.net

On Fri, 29 May 1998, Henry Freedenberg wrote:

> I still have not received any 1998 QRPp's. Got a welcome message to the
> club about 3 months ago. Is this normal?
>
> Henry
>
>
>

Date: Sat, 30 May 1998 13:21:41 -0600 (MDT)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [12043] Fell thru the cracks at norcal
Message-ID: <199805301921.NAA13384@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I ordered four extra K8FF bearings back in Nov. 97, checked cleared in Dec. Many e-mails later, still no bearings. Probably not intentional on their part, but their system does allow thing to fall in the cracks.
Roy AB7CE

Date: Sun, 31 May 1998 14:14:55 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [12044] Wanted: QRP++ & Companion comments
Message-ID: <199805301914.0AA17693@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all,

Things are very busy here in SW Missouri since Dayton. I am building a Norcal 40A and been working a bunch of 6 meters. I have a QRP++ and Companion on it's way to me. The Serial number is S/N 1650 and it's only 16 months old. I have read so many mixed reviews on the QRP plus units. But I always wanted to try a QRP plus and took the plunge. I am looking for user reports from QRP-Lers... I operate mostly CW but might run ssb on 10 meters occasionally. The QRP++ with the neat little companion box sounds like a slick deal. Any words of wisdom out there? I am having a good time building the Norcal 40A that I bought from Bob at Dayton... I just hope it will work OK. 73 for now.

Kelly Ellison
WB0WQS
Aurora Missouri
The Summit City of the Ozarks
EM36DX - QRP-L #702

Date: Sat, 30 May 1998 15:32:18 -0400
From: "Thomas Fink" <n8qxb@harborcom.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [12045] LDG QRP Automatic Antenna Tuner
Message-ID: <000101bd8c01\$a85c0220\$e8049ece@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NEED ADVICE!

I'm thinking about buying the LDG Electronics QRP Automatic Antenna Tuner. Does anyone have any information, (positive or otherwise) on this tuner or it's big brother, the AT-11. I would greatly appreciate any information.

Tnx's

Tom
n8qxb@harborcom.net

Date: Sat, 30 May 1998 14:39:20 DST
From: dannyayers@juno.com (Danny K Ayers)
To: qrp-l@Lehigh.EDU
Subject: [12046] Re: Lens Material
Message-ID: <19980530.143929.19806.1.dannyayers@juno.com>

Although I've not yet tried it locally, someone suggested I check out Theatrical or Stage lighting supply stores for colored cellulose material for lens covers.

72/73,
Danny -WX4P
Huntsville, AL

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 15:52:15 -0400
From: olyellr@iglou.com
To: qrp-l@Lehigh.EDU
Subject: [12047] 10mtr foxes and contest.
Message-ID: <3.0.5.32.19980530155215.00797d50@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anybody working the 10mtr fox trail today?
I've avoided the lower end to avoid any contesters, but have called in the
Novice/Tech freqs with no luck so far.

72/73,
Mike L.

de KE4HLU
FISTS #4139 QRP-L #1395
99% CW OP...for the pure JOY of it!

Date: Sat, 30 May 1998 15:56:40 -0400
From: macstein@cftnet.com (Mac Steinmeyer)
To: qrp-l@Lehigh.EDU
Subject: [12048] Weak Signal - Update
Message-ID: <199805302002.QAA23452@renoir.cftnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Some time ago I posted an inquiry about sending practices and optimizing my
signal out, even with limited antenna options. I got over twenty replies
of suggestions and encouragement. Man, what a great list -- recent flaps
and all.

You may remember that I live in a deed restricted subdivision in Florida,
with a 40m dipole in my attic, and run a NorCal40a 1.2 watts thru a ZM-2
tuner. I still haven't matched the performance of that dipole with stealth
wire in the trees. But, I'm gonna keep trying.

Today I got a return QSL from Don, N7EF, in Kent, Washington giving me a
449. Don is an avid DX'er who seeks out weak sigs. He was 559 to me. That
was 2505 miles under fairly noisy conditions. Don gave me the encouragement
to pass my General Exam with 100% copy! On the way home, I stopped in at
Radio Shack and picked up one of the Advanced Study books on sale for 7 cents.

Thanks to the group and to the courteous, experienced ops who work the
Novice sections of the bands. I can tell you from my point of view, the BEST
part of this hobby ain't done by a long shot.

-Mac-

73/72 KF4KSM
email: macstein@cftnet.com

Grid Sq: EL88rd

Date: Sat, 30 May 1998 15:49:33 -0400
From: "john dorson" <jdorson@metrolink.net>
To: "VICTOR" <FORBESV@COMPUSERVE.COM>, "TEN-TECH" <SALES@TENTEC.COM>, "TALKING
HOUSE" <REALTY@FDLDOTNET.COM>, "STEPHEN AND DEBBIE" <STEPHEN@FLREL.COM>,
"RESIDENTIAL SALES" <residential-sales@property.com>, "QRP-L" <QRP-
L@Lehigh.EDU>, "MAUREEN AND BOB" <RJN5@aol.com>,
Subject: [12049] WARNING, WARNING, WARNING
Message-ID: <000701bd8c04\$1590a240\$99baebd0@metro1>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0004_01BD8BE2.8A2CBF20"

This is a multi-part message in MIME format.

-----=_NextPart_000_0004_01BD8BE2.8A2CBF20
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

In a message dated 5/29/98 3:20:06 PM, sandee@cyberclub.net wrote:
If you receive an email titled "WIN A HOLIDAY" DO NOT open it.

It will erase everything on your hard drive. Forward this letter=20
out to as many people as you can. This is a new, very malicious=20
virus and not many people know about it. This information was
announced yesterday morning from Microsoft; please share it with=20
everyone that might access the internet. Once again, pass this along to
everyone in your address book so that this may be stoppe>>

<http://flrel.com/jdorson>

jdorson@metrolink.net

John Dorson
South Island Real Estate
Melbourne Beach, FL 32951

(407) 984-3135

-----=_NextPart_000_0004_01BD8BE2.8A2CBF20

Content-Type: text/html;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">

<HTML>

<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =

http-equiv=3DContent-Type>

<META content=3D'"MSHTML 4.72.2106.6"' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>In a message dated 5/29/98 3:20:06 PM, <A=20

href=3D"mailto:sandee@cyberclub.net">sandee@cyberclub.net =

wrote:
If you=20

receive an email titled "WIN A HOLIDAY" DO NOT open =

it.

It will=20

erase everything on your hard drive. Forward this letter

out to =

as many=20

people as you can. This is a new, very malicious

virus and not =

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people know about it. This information was

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morning=20

from Microsoft; please share it with

everyone that might access =

the=20

internet. Once again, pass this along to
everyone in your address =

book so=20

that this may be stoppe>>
</DIV>

<DIV><A=20

href=3D"http://flrel.com/jdorson">http://flrel.com/jdorson</DI=

V>

<DIV> </DIV>

<DIV><A=20

href=3D"mailto:jdorson@metrolink.net">jdorson@metrolink.net</D=

IV>

<DIV> </DIV>

<DIV>John Dorson
South Island Real=20

Estate
Melbourne Beach, FL 32951
(407) =

984-3135</DIV></BODY></HTML>

-----=_NextPart_000_0004_01BD8BE2.8A2CBF20--

Date: Sat, 30 May 1998 16:14:56 EDT
From: JkHampton@aol.com
To: qrp-1@Lehigh.EDU
Subject: [12050] Re: Pacificon CW Test
Message-ID: <f45bafb4.357068c1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi All,

The CW test sounds like a blast. I have a room reserved and plan to be at Pacifican with bells, uggghhh, I mean, a pink shirt on. I am holding out on buying a pink shirt for now, maybe some one will come up with another QRP Identifier by then.

Anyway, to the point. What is the best way to get ready for the big CW competition? Beside operating as much as possible, of coarse. I have been a Ham for a about two years now, QRP for the last year and CW only for the whole time. I am confortable working QSO's in the 20 to 25 wpm range but I am still a little parinoid about missing a few words. Enjoying CW is more important then just going fast and if you only go fast, you will surly miss some very rewarding QSO's. As an active Fists member, I also believe that "Accuracy Transends Speed". BUT,,,, I want to be able to copy high speed code and see just how fast that can be.

I have an MFJ code tutor and practice with it on the way to and from work. Usually, I set the speed from 30 to 35 wpm. Lately, I have it set at 40 wpm. At this speed, I copy a word or two, loose concentration, listen agn and copy a word or two...the cycle contenuues like that.

What is the best thing to listen to; random words, sample QSO's (really canned) or call signs?

What about writing information down? How much time should a person practice copying with a pin?

What is the best wat to take things to the next level?

This competition sounds like a great idea and it is a great way to promote code proficiency among QRPer's. I hope this turns out to be as big a winner as the Fox hunts. Hmmmmmm, There must be some way we can take this practice on the air and have some fun with it.

It would be great is someone would set a new record at 80 wpm and a real privilage to say I was in the competition when the old record was broken.

Even if I don't make it past the first round or two, it's gona be fun. Thanks
Chuck

72
Tom Waits
AC5JH

Date: Sat, 30 May 1998 16:21:17 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@Lehigh.EDU>
Subject: [12051] RE: QRP QSO on 6 meters
Message-ID: <01bd8c00\$1ed66e60\$07199e03@luis>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Using a simple wire antenna (subject of upcoming article on one of the
magazines)
I worked today several 50 mHz stations while running 4 watts.
One QSO was two way QRP too...
Band was open here since early morning, and was still open at 20.20UTC,
that is 4 20 pm local time.

Arnie Coro C02KK

Date: Sat, 30 May 1998 16:23:10 EDT
From: d.nordquest@juno.com
To: qrp-1@Lehigh.EDU
Subject: [12052] RE: FS: Rigs & Books
Message-ID: <19980530.162548.4751.2.d.nordquest@juno.com>

The books have been sold!

The rigs, including HW-8 & HW-16, are still available!

Thanks!

Dave KE9ED

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Date: Sat, 30 May 1998 20:26:40 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU, discussion@lists.twc-inc.com
Subject: [12053] QRP ANTENNA KITES: SCOTT SLED DESIGN
Message-ID: <19980530202640.BFIR5840@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>This is the SCOTT SLED design used at AA1MY. It will be used in pairs
by our club for 160m project this fall, flying a full-sized 160m
kick-butt array to make... YESSSS... QRP HISTORY..NYAAHAHAHAHAaha!!

>I'll fax a sketch to you if you have a FAX #. Crude one here you
>may be able to use. Scale it up or down as you wish.

>
> |<20>|< 20 >|< 20>|<20>|
>
> . . .
> / . . . \ |
> / . . . \ 20
> / . . . \ |
> x . . . x -
> \ . . . / |
> \ . . . / |
> - \ . . . / 52
> | \ . . . / |
> 32 . . . \./ ./. |
> | |
>
>

>★ Fly it from the "x"s with a bridle at least 12' long.

> Use MINIMUM 30# test line for this kite!

>★ Dotted verticals are lightweight struts; any LIGHT wt. mat'l.

> (wood strips, plastic tubing, bamboo...)

> Tape them to the BACK side of the kite securely.

>★ The "V" notch at the bottom is cut out and re-inforced with tape.

> It stabilizes the kite much as a tail does -with less drag.

> The bottom of the "V" is 12' up from the bottom of the kite.

>★ Reinforce the entire perimeter with sturdy tape, esp. at the "X" s

This virus is a hoax (if you didn't figure it out already).

I'd suggest before passing on "virus" warnings, one should check the CIAC Internet Hoax page at: <http://ciac.llnl.gov/ciac/CIACHoaxes.html>

From this site:

How to Identify a Hoax

There are several methods to identify virus hoaxes, but first consider what makes a successful hoax on the Internet. There are two known factors that make a successful virus hoax, they are: (1) technical sounding language, and (2) credibility by association. If the warning uses the proper technical jargon, most individuals, including technologically savvy individuals, tend to believe the warning is real. For example, the Good Times hoax says that "...if the program is not stopped, the computer's processor will be placed in an nth-complexity infinite binary loop which can severely damage the processor...". The first time you read this, it sounds like it might be something real. With a little research, you find that there is no such thing as an nth-complexity infinite binary loop and that processors are designed to run loops for weeks at a time without damage.

When we say credibility by association we are referring to whom sent the warning. If the janitor at a large technological organization sends a warning to someone outside of that organization, people on the outside tend to believe the warning because the company should know about those things. Even though the person sending the warning may not have a clue what he is talking about, the prestige of the company backs the warning, making it appear real. If a manager at the company sends the warning, the message is doubly backed by the company's and the manager's reputations.

Individuals should also be especially alert if the warning urges you to pass it on to your friends. This should raise a red flag that the warning may be a

hoax. Another flag to watch for is when the warning indicates that it is =
a
=46ederal Communication Commission (FCC) warning. According to the FCC, =
they
have not and never will disseminate warnings on viruses. It is not part =
of
their job.=20

(end quoted material)

I know those who distribute such information are genuinely concerned for =
the
security and safety of our information networks. However, the most
well-intentioned people are the backbone of the success of such hoax =
virus
"alerts". Thanks, but don't continue distributing the notices. Even if =
they
are real, we'll find out about them by other means than an e-mail chain
letters.

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Sat, 30 May 1998 16:57:56 -0400
From: wb8ygg@JUNO.COM
To: qrp-l@Lehigh.EDU
Subject: [12055] 466 Scope manual?
Message-ID: <19980530.165756.15358.0.wb8ygg@juno.com>

Any body know where I can get one?
Or does anybody have Roy Lewallen's e-mail?

He had mentioned someone re-printing scope manuals at Dayton this year.
I think I need one. Mine suddenly does nothing. And it's not a simple
fuse..
(Bummer).

73
Brad WB8YGG

Embedded Research

Brad WB8YGG/Gary N2JGU
http://www.frontiernet.net/~embres
embres@frontiernet.net

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 14:02:17 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: john dorson <jdorson@metrolink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12056] Re: WARNING, WARNING, WARNING
Message-ID: <Pine.LNX.3.96.980530135933.24245A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> virus and not many people know about it. This information was
>
> announced yesterday morning from Microsoft; please share it with

If this announcement was from Microsoft, can you please give me a web page/e-mail transcript from them, so that I may verify this? As a Microsoft Web Presence Provider, my company (AxisInternet) has not heard anything regarding this new 'threat'. In addition, I've not found anything on CERT regarding this breach of system security either.

Until I see definitive proof on this, I will consider this to be a hoax.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Sat, 30 May 1998 17:29:40 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: skipper.phx@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12057] Re: QRPp

Message-ID: <35707A44.2A9@postoffice.worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Doesn't sound like Jim to me. I sent one message, got one one reply to the effect he'd get right on it. Your account is not typical of either NORCAL or Jim Cates.

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364	SCI #1479	QRP-L #945	ARS #203	ARCI #9606
C.A.T.T #2115	FIST 2360	NORCAL	ARRL	

Date: Sat, 30 May 1998 16:34:16 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [12058] qsy-ing to operating room :-)
Message-ID: <199805302134.QAA03974@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang

Well the time is near and I need to unsubscribe for a while as I go in for the bypass tuesday coming... three days away... and they plan to keep me a week...

My main tree for my antennas is rotten and coming down so I will have to re-do things here... got paper work on a three element yagi for 40, 30, 20 on paper and am playing with how to connect the ropes to keep reasonably straight elements... I'm going to lose about twenty feet in height, with the loss of

the tree, so I thought an extra element might help....

My other thought is some half squares used as a beam... might try one on forty first then move on from there... the half square and the yagi are the two antennas that have worked best for me on forty at this qth... I guess they keep the radiating part of the antenna up high... and the rst reports starting with a 5 or 4... :-)

well, gotta go qrp with the ekg electrodes

don't know the frequency

but if ur mobile around portland maine and hear some static calling cq...

dat's me..

God bless

joel

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

2 element yagi on 40mtr

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Sat, 30 May 1998 14:32:05 -0700

From: k6hcj@juno.com (Marv Fagenson)

To: qrp-l@Lehigh.EDU

Subject: [12059] Ten-Tec 835 (Argonaut)

Message-ID: <19980530.143209.9494.1.k6hcj@juno.com>

I'm posting for K6VIV. Argo 835 (digital readout),
5 Amp Pwr Supply, MFJ Tuner, R/S closeout dipole antenna, special
carrying case.

Marv Druskoff, K6VIV (818) 753-5830

Marv Fagenson

Amateur Radio K6HCJ

k6hcj@Juno.com

Van Nuys, CA

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Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 17:42:38 +0000
From: "Benjamin F. Poinsett" <benmail@erols.com>
To: wbcapps@mindspring.com
Cc: benmail@erols.com, qrp-1@Lehigh.EDU
Subject: [12060] B&W 3007
Message-ID: <3570450C.5D08@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Bill,

B&W 3007 was a prewound coil stock. It had a certain diameter, turns per inch, and wire size. A ham would buy it and cut off what he needed for an inductor.

I believe some of the older handbooks or other ARRL books may have information on this. If the schematic gives the inductance value you may be able to wind your own coil?

Ben Poinsett, K3BP

Date: Sat, 30 May 1998 17:59:18 -0400
From: w2bj@juno.com (Barry J Minsky)
To: kc8dgu@postoffice.worldnet.att.net
Cc: qrp-1@Lehigh.EDU
Subject: [12061] Re: QRPP
Message-ID: <19980530.175918.18558.3.w2bj@juno.com>

I agree. My experience has been the same as yours.
72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

On Sat, 30 May 1998 17:29:40 -0400 Thomas Isgro
<kc8dgu@postoffice.worldnet.att.net> writes:

>Doesn't sound like Jim to me. I sent one message, got one one reply
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><http://www.qsl.net/ki8cz>
>
>
>10-X #68364 SCI #1479 QRP-L #945 ARS #203 ARCI
>#9606
>C.A.T.T #2115 FIST 2360 NORCAL ARRL
>
>*****
>*****
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 17:58:28 -0400
From: w2bj@JUNO.COM (Barry J Minsky)
To: thom@li.net
Cc: qrp-l@Lehigh.EDU
Subject: [12062] Re: QRPp
Message-ID: <19980530.175918.18558.2.w2bj@juno.com>

I suggest you contact Jim Cates. He is a fine person. He has been
helpful to me and has quickly responded to all of my requests.
72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knighlites, Adventure Radio Society #359,

Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

On Sat, 30 May 1998 13:53:22 -0400 (EDT) Thom <thom@li.net> writes:
>Ditti here, sent my check a few months back, it cleared the bank,
>still
>waiting for for the spring issue. Does anyone know if the mailing for
>the
>spring issue has been completed? Perhaps I'm on the end of the list.
>
>Tom
>WB2QDG
>thom@li.net
>
>On Fri, 29 May 1998, Henry Freedenberg wrote:
>
>> I still have not received any 1998 QRPP's. Got a welcome message to
>the
>> club about 3 months ago. Is this normal?
>>
>> Henry
>>
>>
>>
>
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 17:56:33 -0400
From: w2bj@juno.com (Barry J Minsky)
To: skipper.phx@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [12063] Re: QRPP
Message-ID: <19980530.175918.18558.1.w2bj@juno.com>

This does not sound typical of NorCal or Jim Cates. Jim is a fine gentleman. He has been very responsive to my calls, e-mails and requests. I suggest you contact him again.
72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knighlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

On Sat, 30 May 1998 10:39:47 -0700 Dennis Sheehan

<skipper.phx@worldnet.att.net> writes:

>Henry

>I sent \$15 for the Magazine around Sep Oct or Nov of 1996. I never

>received the magazine. I sent several messages to Jim Cates asking

>him

>what happened to my subscription. I guess I sent about 6 or 7

>messages. He finally replied that he was much too busy. That he would

>get back to me when he had some time and for me to stop bothering him.

>

>Well, as of now I still have not received any magazines. So at this

>point I've written Nor Cal off. So, to answer your question Yes,

>this

>is typical of NORCAL. Good luck.

>

>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 May 1998 15:22:12 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [12064] Dan's small parts...
Message-ID: <35708694.F3038880@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

anyone get an order back recently? I sent in one on the 11th, and the
check cleared on the 18th...still no stuff. maybe something got
backordered?

Date: Sat, 30 May 1998 15:22:25 -0700
From: Karl and Terri Nielsen <nielsen@flash.net>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [12065] FT-51R Accessories for sale
Message-ID: <357086A1.F9DF57D5@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is only QRP related in the sense that the FT-51R only puts out 5W, but I thought that I would offer these things here before other places.

We had a real nice Yaesu FT-51R. It was a great HT right up until my daughter dropped it in a cooler full of water. Then it got left wet for close to a month. Needless to say, the radio is shot. Yaesu repair says it isn't worth repairing.

We've now replaced the radio with a different model (an Icom IC-W32A). We had some accessories for the radio that weren't on it at the time it got ruined. The radio and accessories were about a year old, and the radio didn't get used much, so they are still in great shape. Here's what we have for sale:

FNB-38 9.6V 600mAh Ni-Cd Battery Pack \$40.00
This is the high power (5 Watt) battery for the FT-51R.
AES has the price listed as \$75.95.

NC-38B charger for the above FNB-38 \$ 5.00
Basically, this is just a wall wart and a stand that the
FNB-38 can sit in (with or without the radio).
AES has the price listed as \$14.95.

FBA-14 AA battery case \$ 8.00
This is the only thing that was on the radio at the time of
it's fatal dunking. However, the battery case doesn't seem
to have been harmed.
AES has the price listed as \$19.95.

Add \$1.00 each to help cover shipping anywhere in the continental U.S.

Also, if anyone really wants to play with it, I'll sell the radio (without a battery) for \$25.00. The radio cost us almost \$500.00.

Anyone interested can contact me at the address in my sig below.

- Karl Nielsen - KC7LVV - nielsen@flash.net -

Date: Sat, 30 May 1998 20:23:50 -0400
From: "John J. McDonough" <jjmcd@mdn.net>
To: <KF4EIB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [12066] Re: Lens Material
Message-ID: <199805302323.2530000@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: KF4EIB@aol.com; owner-qrp-1@Lehigh.EDU

>

> Is it possible to find a source for LCD type lens covers?

DigiKey lists a number of bezels with an assortment of red, green and smoke lenses. Also, sometimes you can find smoke plexi in the hardware (probably a bunch cheaper). Digikey has a variety of sizes but in a quick look, I didn't see anything with a lens taller than 0.875".

> I need a cover for use on a QRP project, red, green or blue lens would work as

Are you using an LED display? If so, remember that unlike a filtered incandescent bulb, an LED emits *NO* light other than it's single color. As a result, a different color filter will pass a lot less light that you expect.

72/73 de WB8RCR

Date: Sat, 30 May 1998 15:25:37
From: "M. Monninger" <markem@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [12067] Re: WARNING, WARNING, WARNING
Message-ID: <3.0.5.32.19980530152537.0099fcc0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:37 PM 5/30/98 GMT, Marty Watt wrote:

>On Sat, 30 May 1998 15:49:33 -0400, "john dorson" <jdorson@metrolink.net>
>wrote:

>
>>In a message dated 5/29/98 3:20:06 PM, sandee@cyberclub.net wrote:
>>If you receive an email titled "WIN A HOLIDAY" DO NOT open it.
>
>This virus is a hoax (if you didn't figure it out already).
>

Well, that one may be a hoax but I think this one that I received recently is probably The Real Thing. Judge for yourself...

73... Mark AA7TA

EMERGENCY INTERNET MESSAGE!

If you receive an e-mail with a subject line of "Bad-day," delete it immediately WITHOUT reading it. This is THE MOST DANGEROUS E-mail virus yet! It will rewrite your hard drive. Not only that, but it will scramble any disks that are even close to your computer.

IT WILL RE-CALIBRATE YOUR REFRIGERATOR'S COOLNESS SETTING so all your ice cream melts and your milk curdles. It will demagnetize the strips on all your credit cards, reprogram your ATM access code, screw up the tracking on your VCR and use subspace field harmonics to scratch any CDs you try to play. It will give your ex-boy/girlfriend your new phone number. It will mix antifreeze into your fish tank.

IT WILL DRINK ALL YOUR BEER and leave its dirty socks on the coffee table when there's company coming over. It will hide your car keys when you are late for work and interfere with your car radio so that you hear only static while stuck in traffic.

BAD_DAY WILL MAKE YOU FALL IN LOVE WITH A HARDENED PEDOPHILE. It will give you nightmares about circus midgets. It will replace your shampoo with Nair and your Nair with Rogaine, all while dating your current boy/girlfriend behind your back and billing their hotel rendezvous to your Visa card.

BAD-DAY WILL SEDUCE YOUR GRANDMOTHER! It does not matter if she is dead, such is the power of Bad-day. It reaches out beyond the grave to sully those things we hold most dear.

BAD-DAY WILL GIVE YOU DUTCH ELM DISEASE. It will leave the toilet seat up and leave the hair dryer plugged in dangerously close to a full bathtub. It will not only remove the forbidden tags from your mattresses and pillows, it will refill your skim milk with whole.

It is insidious and subtle. It is dangerous and terrifying to behold.

Be afraid. Be very, very afraid.

Date: Sat, 30 May 1998 18:30:46 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: benmail@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12068] Re: B&W 3007
Message-ID: <35708895.A69B629A@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Surplus sales of Nebraska stocks B&W prewound inductors and if they do not have the one you are looking for, they may arrange to be wound for you for a fee (not cheap). It depends on how bad you need it.

Try: www.surplussales.com/Ind-B-WCoilstock.html

The 3007 is not in this page but probably they could tell you the specs over the phone.

I usually get my coils at hamfests... by looking under the tables mostly.... they are scarce but not too difficult to find
The other approach is building your own once you know the specs as Ben suggests. Use glass as a form and after the epoxy (clear color, of course), dries, place it in a plastic bag and break the glass with a hammer . Just an idea.... :-)

72 es 73
Hugo W. Catta
CX9AAK/W2

Benjamin F. Poinsett wrote:

> Dear Bill,
>
> B&W 3007 was a prewound coil stock. It had a certain
> diameter, turns per inch, and wire size. A ham would buy
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>
> I believe some of the older handbooks or other ARRL
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> gives the inductance value you may be able to wind your
> own coil?
>

> Ben Poinsett, K3BP

End of QRP-L Digest 1107
